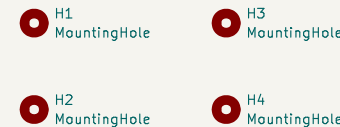
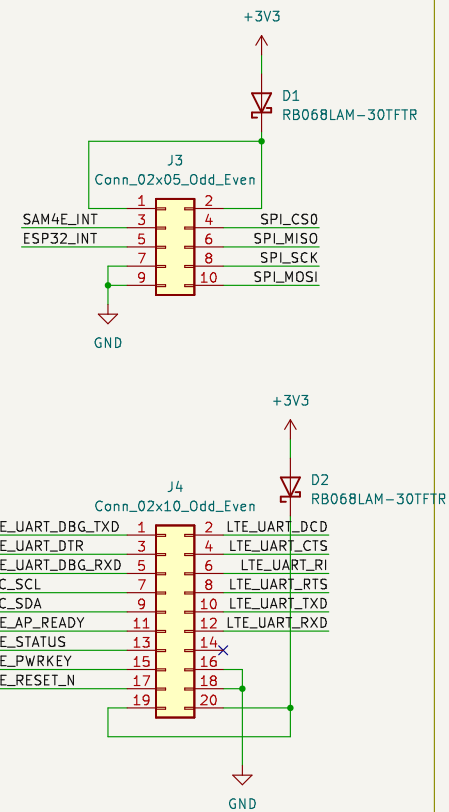


SAM4E

Mounting Holes



Connections



PWR references



Author: Nicolae-Andrei Vasile

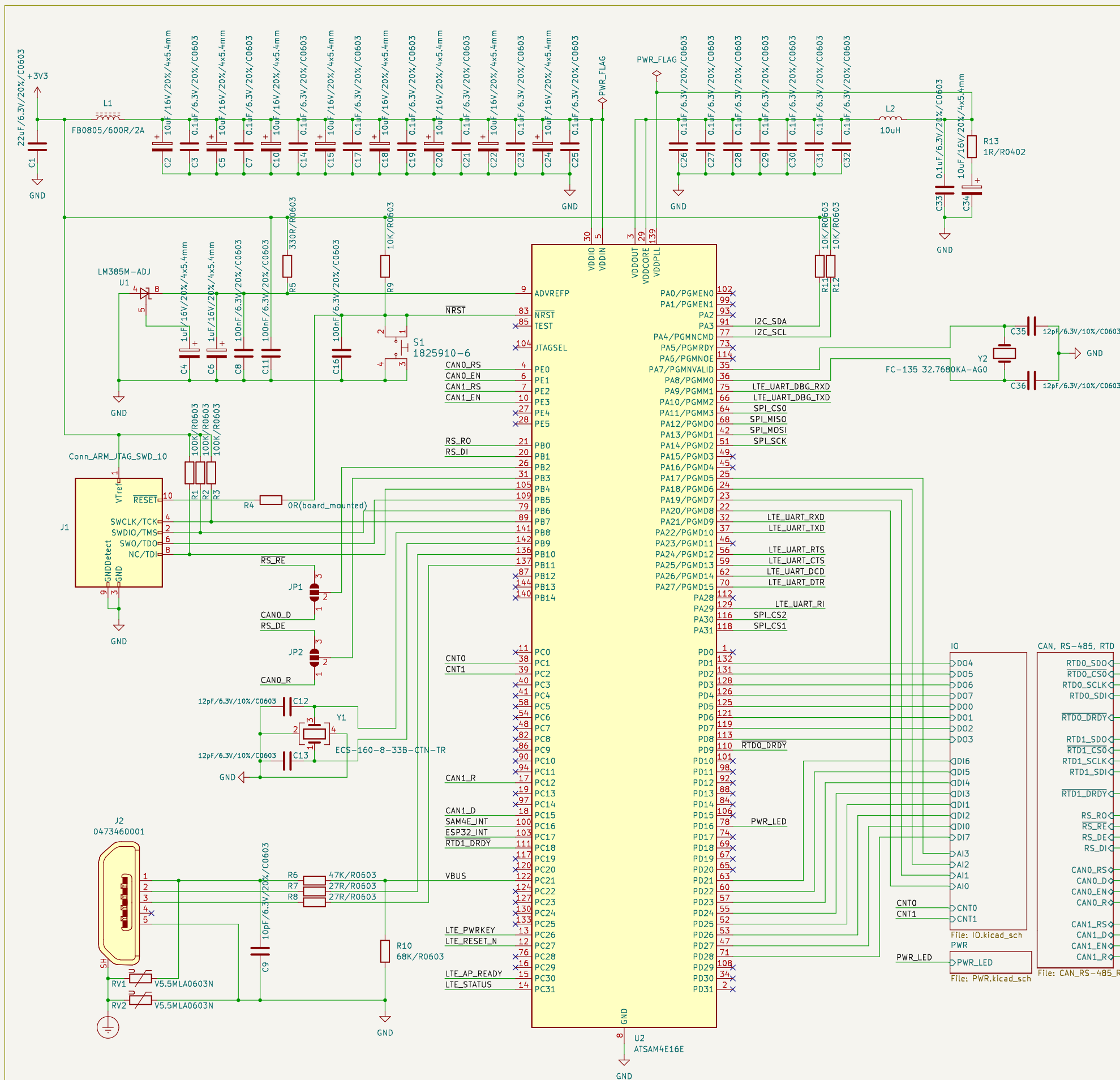
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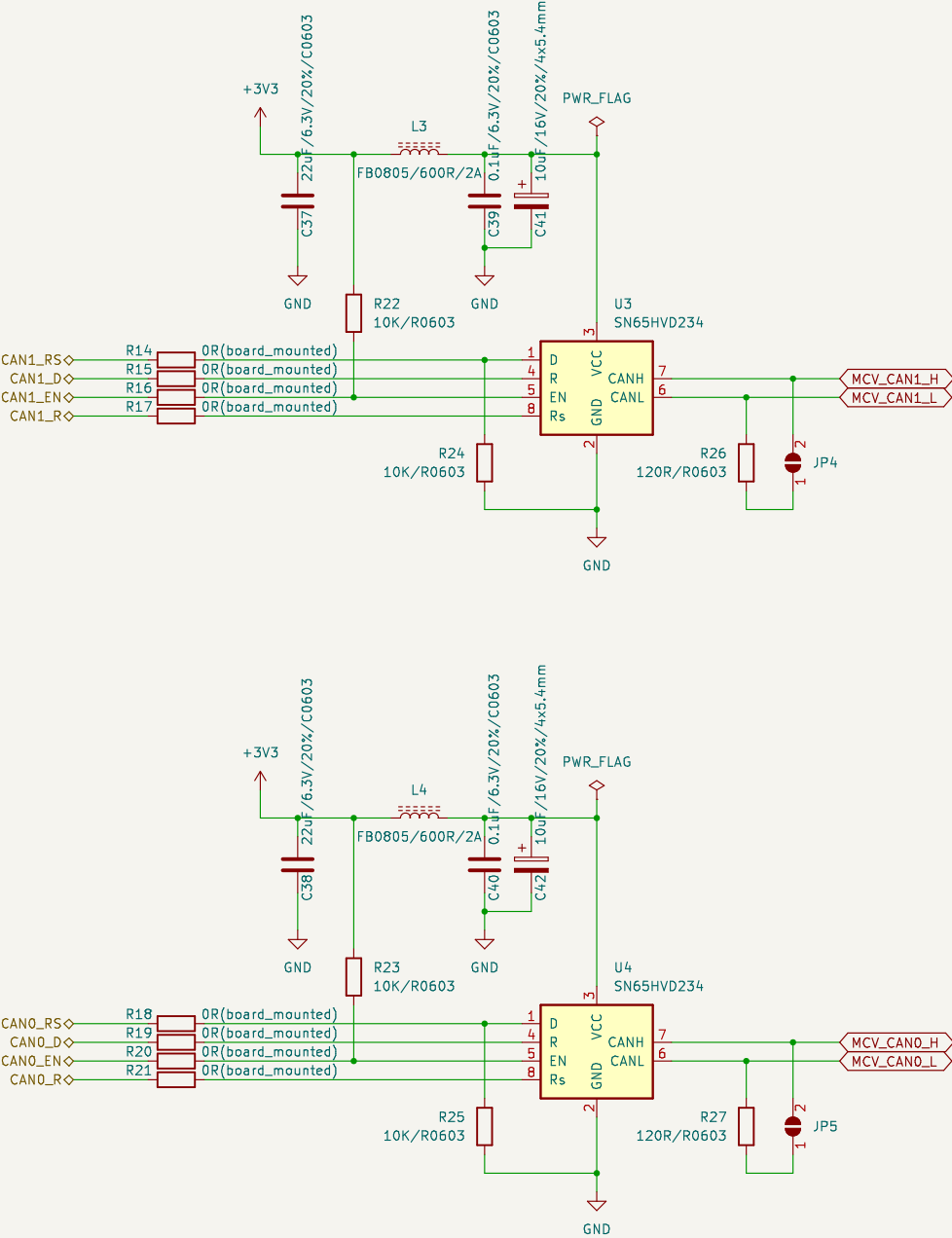
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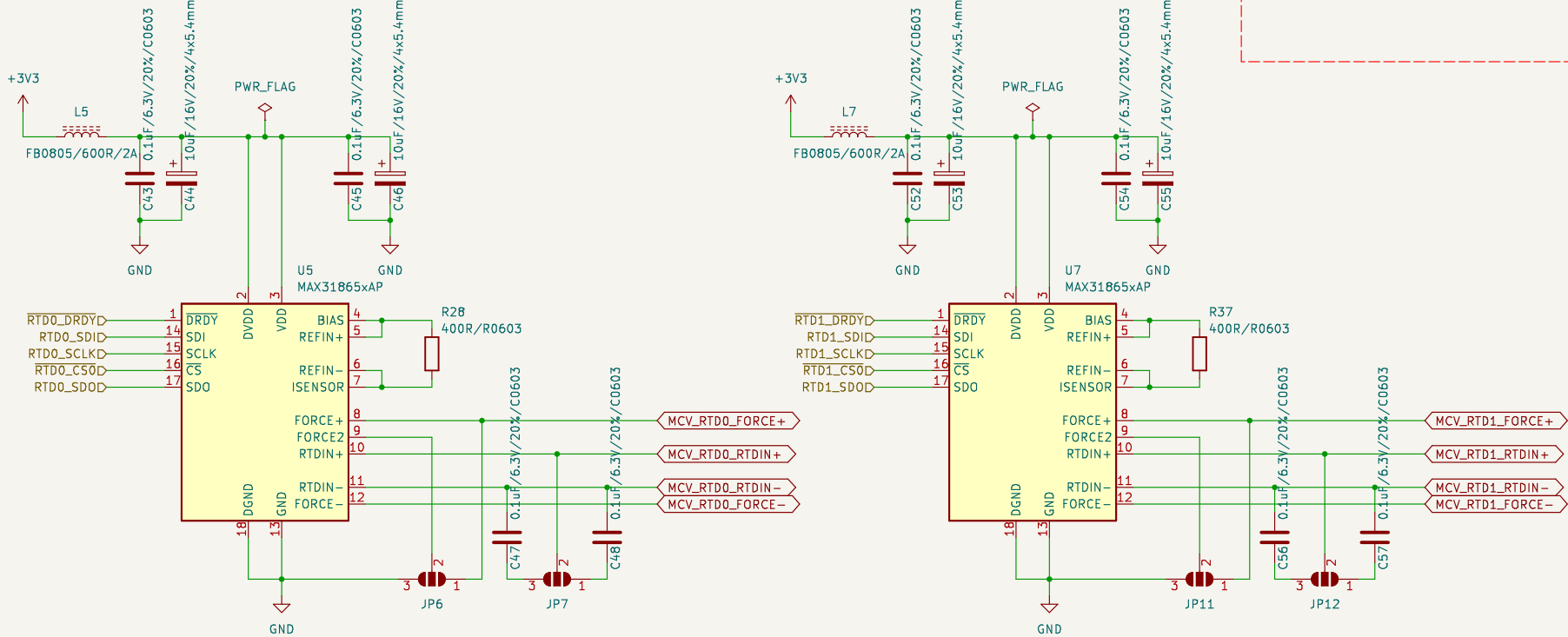


CAN Texas Instruments SN65HVD23x



CAN interface:
- CANH, CANL and PE are connected to one of the I/O arrays (MCV1.5/8-G-3.81).
- termination resistor can be left out of the design when the environment allows it by not connecting the solder jumper pins.

RTD Maxim Integrated MAX31865xAP



RTD interface:
- FORCE+, FORCE-, RTDIN+ and RTDIN- pins are connected to one of the I/O arrays alongside two analog inputs (MCV 1.5/8-G-3.81).
- FORCE2 pin can be tied to GND or FORCE+ pin depending if the connection is 2-wire or 3-wire type.
- Capacitor value between RTDIN+ and RTDIN- is to be selected in relationship with the connected RTD (10nF for 1KOhm and 100nF for 100Ohm).

RS-422/485 Maxim Integrated MAX3485

RS-422-485 interface:
- RS-485 A and B and PE pins are connected to one of the I/O arrays (MCV 1.5/8-G-3.81).
- fail-Safe Resistors circuit can be left out of the design when the environment allows it by not connecting the solder-jumper terminations.

